



## A dependable wrap around system

*for horizontally labeling unwieldy round containers*

### **DISTINCTIVE DESIGN**

The PL-521 has been specifically designed to accommodate horizontal labeling of slim, non-freestanding cylindrical containers such as pens, test tubes, syringes and lipsticks. An angled roller conveyor ensures accurate labeling by securing the product on its side as it moves through the label head.

### **EASY TO MAINTAIN**

In strict compliance with Good Manufacturing Practices (GMP) standards, the PL-521 is made of 304 stainless steel and anodized aluminum, and carefully treated to guard against the effects of harsher environments. This durability translates into a solid choice for labeling machine longevity.

### **SIMPLE TO USE**

The built-in instructions, memory preset and troubleshooting guide offered on the operator interface make it easy to use the PL-521. Hand wheels provide for simple adjustments, enable quick set-up and easy changeover.

“ Pack Leader USA provided a great value for a labeler for a mid-sized operation. They offer dependable quality, service and cost while backed by service to maintain operations. ”

-Steve, Director of Brewing Operations  
Tommyknocker Brewery

# PL-521 Specifications



PackLeaderUSA.com/PL-521

## LABEL TYPES

### Wrap Around

## SPEED

**Maximum Dispensing Speed:**  
131.2'/min (40m/min)

**Maximum Conveyor Speed:**  
72.2'/min (22m/min)

## DIMENSIONS

**Dimensions L-W- H:**  
78" x 42" x 64"  
(1981mm x 1067mm x 1626mm)

**Maximum Label Size:**  
6" x 3" (H 152mm x L 75mm)

**Bottle Diameter:**  
0.3" – 1" (7.6mm - 25mm)

**Range of Container Length:**  
0.25" – 6" (6.5mm – 152mm)

**Conveyor Width:**  
4" (102mm)

**Spool Diameter:** 14" (356mm)  
**Inner Core:** 3" (76mm)

## POWER

**Voltage:** 110/220 VAC 50/60 HZ  
1 Phase

**Power in KW:** .840

**Drive:** Stepper Motor

## NET WEIGHT

Approx 385 lbs (175 kgs)

## CONVEYOR HEIGHT

34-44" (864-1118mm)

## Flexibility

- The PL-521's standard one-button teach product and label sensors can be effortlessly adjusted for various labeling applications. And, with the manual position setting, your labels are placed accurately on the product, each and every time.
- Future upgrades are simple. Thanks to the PL-521's thermal or hot foil printer controls, you can easily incorporate a printer if the need should arise. This integrated feature lets printers work in sync with the labeler to ensure accurate code placement. The result? Easy label customization you can turn on or off.
- Depending on your needs, this machine can be used either for in-line automatic or semi-automatic applications.
- The PL-521's angled roller conveyor accommodates unwieldy, fragile products by securing the product on its side as it moves through the label head.

## Productivity

- The production preset function means the machine automatically stops once the predetermined quantity of products has been labeled.
- The label count feature lets you precisely track progress at any point during the production run.
- The container/production run counter lets you see the exact production number for the day.
- The PL-521 features a touchscreen control system with job memory. So, even after the machine sits idle for long periods, you benefit from a battery-free microprocessor control system that stores default settings. Up to 30 settings can be stored for future use, so you don't have to waste time re-entering the necessary information.

## Efficiency

- The auto label-set feature confirms label sensitivity by detecting the separation between each label. With one push of a button, labeling is efficiently set up and positioned correctly.

- The missing label-detect feature locates missing labels on the roll stock, and instantly shuts the machine down if one is found. This preventative feature ensures each product is labeled appropriately.

## Accuracy

- The PL-521's controls are fully synchronized, ensuring that all components run at the same speed.
- By essentially counting the "steps" necessary to reach the next label, the PL-521's stepper motors ensure fast, accurate label delivery.

## Practicality

- The PL-521 can be easily and conveniently moved to other production areas, allowing for changes in production or products.
- The machine's height-adjustable conveyor puts everything you need within reach.
- All Pack Leader USA labelers are made of 304 stainless steel and anodized aluminum. This extremely durable metal is specially treated to guard against rusting and other effects from harsher environments.

## Compliance

- All Pack Leader USA labelers are manufactured in compliance with Good Manufacturing Practices (GMP) standards and meet the strict ISO 9001 quality control procedures. So, you can have confidence undergoing required quarterly inspections from industry compliance auditors.



Pack Leader USA boasts a broad selection of quality, versatile labeling machines geared toward the specific labeling requirements of companies around the globe. Pack Leader USA, LLC was formed in 2010 to serve North and Central America.